
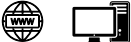







DOE Integrated Energy Tool Suite

DOE Advanced Manufacturing Office's energy system and energy management software tools help manufacturers identify, model and quantify energy saving opportunities and implement energy management practices.

Energy Systems Analysis	Energy Management
PSAT (Pumps)	50001 Ready Navigator
FSAT (Fans)	Energy Footprint Tool
Compressed air (AirMaster+)	PEP (Plant Energy Profiler)
SSAT (Steam)	PWP (Plant Water Profiler)
PHAST (Process Heating)	Energy Performance Indicator (EnPI)
MotorMaster (Motors)	EnPI Lite

Benefits and Features

Multiple Operating Systems	
Both Web and Desktop Interfaces	
Open Source GitHub Repository	
Auto-Update capability	
Enhanced tool interoperability	
Common software engine library	
Crash reporting to assist in debugging	

Future Training Opportunities

The DOE's revised tool suite will offer the following benefits once complete.

Online Tool Tutorials	Developed for each tool (online video)
Better Plants In-Plant Trainings	Expanding deployment of In-Plant training curriculum (classroom/in-person)
Expertise/Certification Training	Exploring 3 rd party development and implementation of professional certifications in key systems

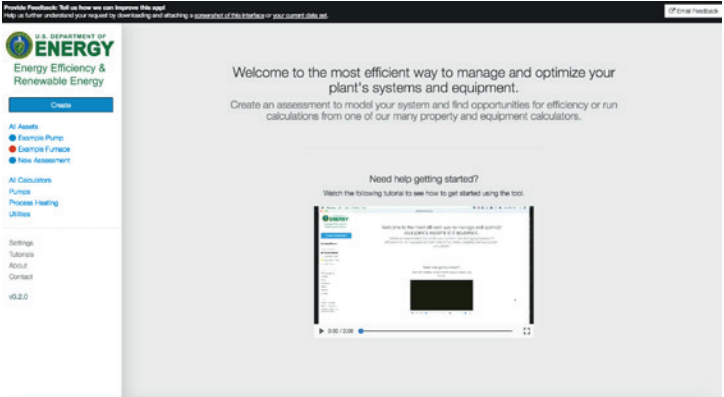
Download Links

- DOE Software Tools - <https://energy.gov/eere/amo/software-tools>
- Open Source Code - <https://github.com/ORNL-AMO>

www.energy.gov/AMOTools

DOE Integrated Energy Tool Suite

Tool Screenshot



PSAT Screenshots

